

EPL-SL-8X4FT-LED

Explosion Proof LED String Lights - 8 Drop Lights - Class 1 Division 1 and Class 2 Division 1

Product ID: 68788

Please see last page for supporting documentation for this product(certificates, CAD files & drawings, IES files, wiring diagrams, etc).



Larson Electronics LLC manufactures a wide variety of products, including custom built to spec designs. The pictures displayed for this unit are a general representation of form factor for the product line and may not accurately represent this exact configuration in every detail due to custom builds and changes between similar products in our standard catalog. The specifics for this configuration are listed in the specification table and supporting documentation (CAD files, Dimensional Drawing, Name Plate Diagram, Wiring Diagram, etc.). This means that specific details (receptacles, plugs, wires, connections, mounting brackets, external finishes, etc.) may not be accurately represented in images vs specifications. Please review specifications and do not order based solely on images.

EPL-SL-8X4FT-LED

UL Listing: United States

Dimensions- Each Lamp: L-16.5" Diam-5"

Total Lumens: 8400

Total Watts: 80 watts

Voltage: Std-110/115/120-240VAC

Color Temp: 6000k

Mounting: Aluminum Hooks

Wiring: 180` SOOW Cord- ECP 1523 Plug

Lamp Type: LED

Total Length: 114`

Total Weight: 135lbs

U.L. Ratings

Class 1, Division 1 Groups C, D

Class 2, Division 1 Groups E, F, G

Special Orders - Special Requirements

Contact us for special requirements

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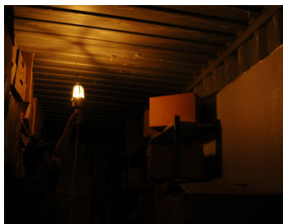
Made in the USA

The Larson Electronics EPL-SL-8X4FT-LED Explosion Proof LED String Light set is UL Listed Class 1 Division 1 Groups C and D - and is ideal for general close work and inspection activities in hazardous locations requiring explosion proof protection.

This 80 watt explosion proof LED string light set produces a total combined output of 8,400 lumens of bright white light. Eight, 10 watt LED work lights equipped with aluminum hooks are connected in series along 64 feet of 12/3 SOOW explosion proof cord. An additional 50` of cord is included to provide ample length for power connection. A junction box is mounted every eight feet, with four feet of 16/3 SOOW cord connecting a single 10 watt LED lamp to each box. The cord on this

unit is terminated in an ECP 1523P Class 1, Division 1 explosion proof plug for total explosion proof protection. There is no ballast with this LED string light and the housing on each lamp is constructed of non sparking aluminum which helps to keep weight to a minimum while affording good durability.

This hazardous location light string is Class 1, Division 1, and Class 2, Division 1, hazardous location environment approved. This explosion proof LED string light is ideal for hazardous work areas where a ready source of easily managed lighting is desired.



100 Watt Incandescent Bulb

[Click Photos to Enlarge](#)



With the EPL-SL-10-LED

[Click Photos to Enlarge](#)

[Click Photos to Enlarge](#)

This unit incorporates 8 10 watt LED drop lights connected in series and is suitable for use in areas where petrochemical vapors and various dusts are present. Each LED lamp projects 1050 lumens of light, for a combined total of 8400 lumens from all eight. The output of this string light is stronger and of better quality than sets equipped with 100 watt incandescent bulbs, yet it uses only 10% as much electrical current.

The lamps in this unit are high efficiency LEDs which require no ballast, so there is no inline lamp hardware to manage. The solid state LED construction, aluminum housings with rubber bumper guards, polycarbonate lamp covers and abrasion resistant cord make this a very durable unit that will resist damage from dropping, vibrations and impacts. This explosion proof LED string light will operate on any voltage ranging from 110 Volts AC to 277 Volts AC on 50/60 hz. The low voltage versions operate on 12 volts or 24 volts DC and require a separate transformer to step down 120/240VAC to low voltage. The light produced by this unit has a 6000k color temperature, which is much sharper and whiter than the light produced by incandescent lamps.

The light produced by this unit is ideal for close work and inspection activities where good contrast and true color representation is needed. The LED lamps in this unit run much cooler than incandescent or fluorescent lamps, resulting in a lamp housing that remains cool to the touch, reducing heat buildup in confined workspaces and eliminating the accidental burns often encountered with incandescent drop lights.

Made in USA Quality

1. Federal Spec Cord.
2. Explosion Proof.
3. (8) 10 Watt LED Lamps for 8400 Total Lumens.
4. Rugged fabricated steel and cast aluminum construction.
5. Blue and Gray paint finish.
6. UL Class1 Div1 Class 2 Div1
7. 120-277 Volt Operation
8. SOOW cable.
9. Aluminum Hooks for Convenient Placement.

Lamp Features

Each 10 watt LED light produces 1050 lumens
Non-sparking aluminum housing
50,000 hour LED Lamp
Molded rubber bumper guard
polycarbonate shields prevent bulb damage
Integrated lamp shock absorbers prevent drop damage
Swivel hook for hanging and hands free operation
Explosion proof cord

Frequently Asked Questions (FAQ)







EPL-SL-8X4FT-LED

Product ID: 68788

Harmonized System (HS) Code: 9405.41.84.10

Export Control Classification Number (ECCN): EAR99

Options:

EPL-SL-8X4FT-LED-Voltage

Example: EPL-SL-8X4FT-LED-120277

Voltage	
120-277	-120277
12-24VDC	-1224DC

Links (Click on the below items to view):

- [Canadian CEC Certificate \(Commonly referred to as CSA Certificate\)](#)
- [CE Certificate](#)
- [Certificate 1, Misc](#)
- [Certificate 2, Misc](#)
- [Certificate 3, Misc](#)
- [MSDS \(Material Safety Data Sheet](#)
- [RoHS Certificate \(Restriction of Hazardous Substances\)](#)
- [USA NEC Certificate \(Commonly referred to as UL Certificate\)](#)
- [HigResPic1](#)
- [HigResPic2](#)
- [HigResPic3](#)
- [HigResPic4](#)
- [Video1](#)
- [Video2](#)
- [ISO 9001 Certification](#)
- [Business Certificate](#)
- [Shipping Time Map](#)